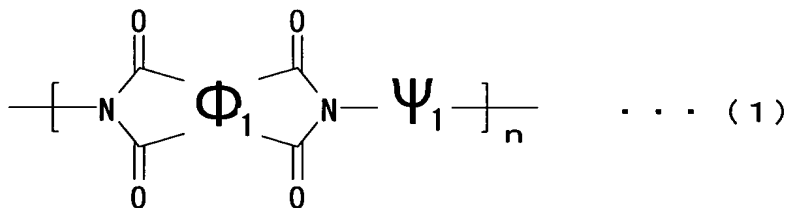ABSTRACT OF THE DISCLOSURE

Several novel polyimide materials are disclosed. One example is apolyimide material comprising heterocyclic polyimide having an unit represented by the following general formula (1):

$$\left[N \overset{\overset{O}{\parallel}}{\underset{\underset{O}{\parallel}}{\diagup}} \Phi_1 \overset{\overset{O}{\parallel}}{\underset{\underset{O}{\parallel}}{\diagdown}} N - \Psi_1 \right]_n \quad \cdots (1)$$

(wherein Φ_1s may be the same or different and are individually a quadrivalent organic group, the Φ_1s including at least 0.2 molar equivalent of a quadrivalent hetrocyclic group selected from the following Group (a), Ψ_1s may be the same or different and are individually a bivalent organic group, and n is a positive integer).